

Oil M 100

**Product Description**

Oil M 100 is a 100% polydimethylsiloxane of viscosity 100 mm<sup>2</sup>/ s. The product differs from organic materials in its physical and chemical properties such as high and low temperature stability, good dielectric properties, low interfacial energy, and chemical inertness. Oil M 100 can be used in a wide range of applications ranging from heat transfer media and hydraulic fluids to polish and antifoam formulation.

**Key Performance Properties**

- High and low-temperature stability
- Low pour point
- Low temperature and pressure dependence of viscosity
- Good dielectric characteristics
- Low interfacial energy
- High surface activity
- High compressibility
- Chemical inertness

**Applications**

- Heat transfer media
- Hydraulic fluids
- Dielectrics fluids
- Water repellents
- Polishes
- Lubricants
- Antifoams
- Mould release agents

**Typical Product Data**

Property	Unit	Value
Viscosity at 25°C	mm <sup>2</sup> / s	100
Density at 25 °C	g/cm <sup>3</sup>	0.97
Pour point	°C	~ - 50
Flash point	°C	~ 300
Ignition point	°C	> 400

**Specifications** Typical product data values should not be used as specifications. Assistance and specifications are available from Momentive performance materials.

**Containers** Oil M 100 is available in 50 kg cans, 200 kg drums, 950 kg totes, and 20,000 kg bulk containers.

**Handling and Safety** Material Safety Data Sheets are available upon request from Momentive performance materials. Similar information for solvents and other chemicals used with Momentive performance materials/products should be obtained from suppliers. When solvents are used, proper safety precautions must be observed.

**Storage and Warranty Period** The warranty period is 24 months from date of shipment from Momentive performance materials if stored in the original unopened container protected from moisture.



PRINCIPAL LOCATIONS – Regional Information

North America	World Headquarters 187 Danbury Road Wilton, CT 06897, USA	T 800.295.2392	F 607.754.7517
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CUSTOMER SERVICE CENTERS

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	<ul style="list-style-type: none"> <li>• Japan</li> <li>• China</li> <li>• Korea</li> <li>• Singapore</li> </ul>	T +81.276.20.6182 T +86.21.5050.4666 (ext. 1523) T +82.2.6201.4600 T +65.6220.7022	
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